

# RESERVE COPY PATENT SPECIFICATION



Application Date: Feb. 23, 1934. No. 6023/34.

413,243

Complete Left: April 10, 1934.

Complete Accepted: July 12, 1934.

## PROVISIONAL SPECIFICATION.

### Improvements in or relating to Books.

I, JOHN JONES, of Noddfa, Warren Drive, Deganwy, in the County of Carnarvon, a subject of the King of Great Britain, do hereby declare the nature of this invention to be as follows:—

This invention relates to books and has for its chief object to facilitate turning to various parts or any particular sheet or page of the book. The invention is particularly useful for books divided into different sections or subjects such as text books or music books but can be applied to other kinds of books. The term "book" herein employed is intended to refer to any arrangement of flexible sheets or pages and includes newspapers or periodicals where more than two pages are employed.

According to the invention some or all of the pages have bays in one or more edges which bays are arranged to form at least two series in such a manner that when the thumb is pulled over one series of bays the pages will turn over in pairs or in sets of three or more so that when this movement is stopped at any part of the book the title chapter number or other indication will be visible on a page behind the one that is open through the bay in the latter. The thumb will be moved over one series of bays and the indications will be observed through the other or another series of bays. If two series of bays are provided they may be arranged as follows:—The first sheet will have a bay cut in it at any suitable part of its

edge and the next sheet will have a bay at a different but preferably adjacent and may be overlapping part of the edge. A plain part of the second sheet will be opposite to the bay of the first sheet and a plain part of the first sheet will be opposite to the bay in the second sheet. The third sheet will have a bay opposite to the bay in the first sheet and a plain portion opposite to the bay in the second sheet. This arrangement will be continued throughout the book so that all of the odd numbered sheets will be similar to sheet 1 and all of the even numbered sheets will be similar to sheet 2. As the thumb is moved over one series of bays therefore it will fail to hold the sheets having bays at the position of the thumb but will retain the alternate sheets having plain portions at such position. If the thumb comes to rest on sheet 2 on the part opposite to the bay in sheet 1 an indication of chapter or subject will be observable through the bay in sheet 2 on sheet 1. The indication on sheet 1 may relate to the printed or other matter on sheet 1 or on sheet 2.

The bays may be formed by cutting out portions of semi-circular or other shape. Dated this 23rd day of February, 1934.

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## COMPLETE SPECIFICATION.

### Improvements in or relating to Books.

I, JOHN JONES, of Noddfa, Warren Drive, Deganwy, in the County of Carnarvon, a subject of the King of Great Britain, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to books and has for its chief object to facilitate turning to various parts or any particular sheet or page of the book. The invention is particularly useful for books divided into different sections or subjects such as text books or music books but can be applied to other kinds of books. The term "book" herein employed is intended to refer to any arrangement of flexible sheets and includes newspapers or periodicals where more than two sheets are employed. According to the invention some or all of the sheets have bays in one or more

page of the book. The invention is particularly useful for books divided into different sections or subjects such as text books or music books but can be applied to other kinds of books. The term "book" herein employed is intended to refer to any arrangement of flexible sheets and includes newspapers or periodicals where more than two sheets are employed. According to the invention some or all of the sheets have bays in one or more

[Price 1/-].

edges which bays are arranged to form at least one or at least two series of bays in such a manner that when the thumb is pulled over the bays the sheets will turn over in pairs or in sets of three or more. Suitable title, chapter, or page numbers, or other indications, may be marked on the pages so as to be visible through the bays. Alternate sheets may have bays of a series opposite to each other and separated by a plain portion of the other alternate sheets. Two series of bays may be arranged adjacent to each other and otherwise may be so arranged that by moving the thumb alternately from one series to another the sheets can be turned over singly.

In order that the said invention may be carried into effect, the same will now be described more fully with reference to the examples illustrated by the accompanying drawings:—

Figure 1 is a perspective view of a book to which one form of the invention has been applied; and

Figures 2 and 3 are perspective views of books to which other forms of the invention has been applied.

In Figure 1 the numerals indicate the numbers of the pages on which they are marked, the sheet of paper A comprising pages 1 and 2 has the bay *a* at a position opposite to the numeral 3 on the next sheet B and the bay *b* in the sheet B is not opposite to the bay *a* but is adjacent thereto and a little lower down the edge of the sheet opposite to the numeral 2. This arrangement is continued throughout the book so that the bays of sheets A, C, E, etc., are opposite to each other and form one series of bays and the bays of sheets B, D, etc., form another series of bays. Around the bays *a* on each side of the sheet A is a marking for example a red colouration *a'* and a similar mark or colour is applied to the sheet C shown at *c'*. Around the bay *b* on both sides of the sheet B is a different marking for example blue colouration as shown at *b'* and similar marking or similar colour may be applied to the sheet D as shown at *d'*. If the thumb is drawn over the sheets adjacent to the series of bays commencing with *a* the thumb will rest on the numeral 3 and after moving off the sheet B will engage sheet D so that sheets B and C turn over together. The sheets will thus tend to turn over in pairs with consequent tendency to avoid sheets turning over several at a time.

If it is desired to turn over the sheets singly the thumb will be moved from one series of bays to the other and back again and so on until the desired page is found.

As shown in Figure 2 more than two

series of bays are provided and arranged so that when the thumb is pulled over one series of bays the sheets will be turned over in pairs. This arrangement may be modified if desired so that the sheets will be turned over in sets of three or more, although it will still be possible to turn the sheets over singly by moving the thumb from one series of bays to the next.

The bays may have any desired shape and in the modification shown in Figure 3 the bays are formed by cutting off the upper and lower corners of alternate sheets, the cuts on alternate sheets being inclined in opposite directions and extending in straight lines nearly half way along the front edges of the sheets and only a short distance along the top and bottom edges. The cut away portions may however extend more than half way along the front edges and if desired may extend the full length of the sheet.

The sheets at the parts adjacent to the bays may be reinforced or may be coloured to prevent the numeral or other indication from being visible through the page, particularly where thin transparent paper is used.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. A book as hereinbefore defined having bays in one or more edges of some or all of the sheets, said bays being arranged to form at least one or at least two series of bays in such a manner that when the thumb is pulled over the bays the sheets will turn over in pairs or in sets of three or more.

2. A book as in claim 1, wherein suitable titles, chapter or page numbers, or other indications, are marked on the pages so as to be visible through the bays.

3. A book as in claim 1 or 2, wherein alternate sheets have bays of a series opposite to each other and spaced by plain portions of the other alternate pages.

4. A book as in any of the preceding claims, wherein the portions of pages visible through the bays are coloured, marked with titles, chapter or page numbers, or other indications, or otherwise made distinctive.

5. A book as in any of the preceding claims, wherein the edges of the sheets around the bays are coloured or otherwise marked to render them distinct.

6. A book as in claim 4 or 5, wherein the bays of one series are made readily distinguishable from the bays of another series by markings, for example by using one colour for one series and another

colour for another series.

7. A book as in any of the preceding claims, wherein the bays are formed by cutting away the corners of the sheets preferably by cuts extending much more along one side of the books than along the other side adjacent to said corners, said cuts on appropriate pages being inclined in the opposite direction to cuts on other sheets.

8. A book as in claim 7 wherein the cuts extend in straight lines along the full length of the front or other edge of the book.

9. A book as in any of the preceding claims, wherein two series of bays are arranged adjacent to each other and

otherwise so arranged that by moving the thumb alternately from one series to another the sheets can be turned over singly.

10. A book as hereinbefore defined substantially as hereinbefore described with reference to any of the examples illustrated in the accompanying drawings.

Dated this 10th day of April, 1934.

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[This Drawing is a reproduction of the Original on a reduced scale.]

